

Rec^d Sept 1st 1870

Aug 18

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Office of the "Utah Pioneers"

St. George Utah, 22 Aug. 1870

Dr. Geo. Engelmann
St. Louis Mo.

My Dear Sir

Your favor of

4th Inst was last mail received & I
take great pleasure, in thus making
the commencement of an acquaintance
that I trust will be developed with in-
creased interest & pleasure, for I am
an enthusiastic lover of nature &
delight in daily perusing her opening pages
to me new & exciting - Being an
ignoramus in the Science of botany I
shall be unable to reply to your inter-
rogations, unluckily I fear, for when
I was of proper age to receive the inspi-
ration of a preceptor, I had none but
and only caught the rude manners of the
simple minded farmers among whom
I was reared in the far off Empire State
but since my earliest wanderings for flowers
in those old Beech & hemlock forest,



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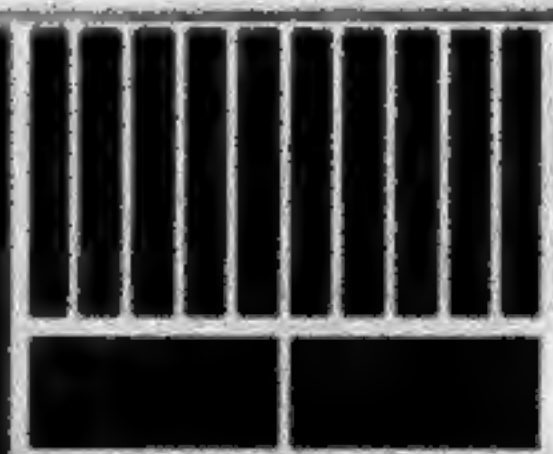
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GARDEN

of Chautauque, I have had an
abiding & never-resting desire & pleasure
in observing the ~~with~~ ^{the} ~~cal~~ ^{cal} wonders
of nature - ~~not~~ ^{at} ~~the~~ ^{the} ~~assure~~ ^{assure} you I consider
it not only a pleasure but an honor
to become the Epistolary pupil of one
so abhated in certain branches of the
greatest of living sciences - I have
had the pleasure of spending 10 days
among the mountains, with our mutual
friend Dr Edward Palmer, who now
South, ~~on the~~ ^{on the} Colorado is expected
here again in about a week
of the Yucca I have discovered in this
region but 4 varieties, first the one you
mention (I can't make out the name) grows
only over an area of some 20 miles
beginning South of here about 40 miles
They attain a height of 15 feet. Considerably
branched - Stem often covered with the old
foliage which turns down, Blossom stem
on top of branches about 8 inches long
covered with small white bloom, then
a thick cluster of pods ^{in shape} of ^{or} ^{like}
small hen's egg; bloom I think in
early Spring seeds generally destroyed
by insects I could never get any
nor can I get even the pods



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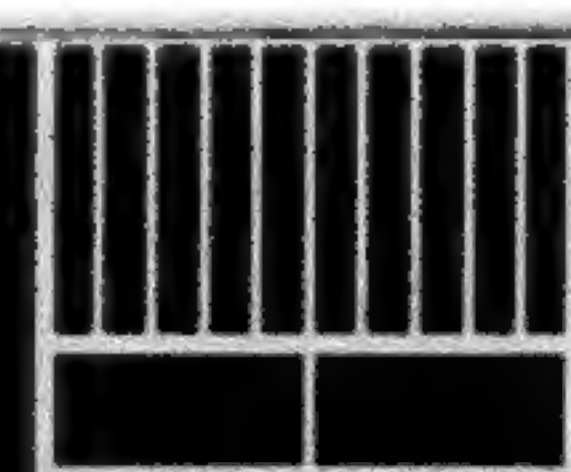
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Pod a dry Capsule. Pod not Edible.
2 Second a large leaved leaf white,
blossoming variety. Stem about 6 foot
high curved with bloom magnificent
followed by apples size of an egg.
Soft & Edible, but a little bitter. The
leaves, ^{2 ft or more, in length} are fibrous & can be used for ropes
& without preparation are useful
in tying up grape vines &c. bloom
3 in May — The third is small
leaved & stem about 20 inches to 2
feet long. Stem 6 to 8 feet high curved
with white bloom. Pod so large as the best
& followed by seed pod an inch & a
half in diameter, when ripe dry &
hard seeds like the other black & flat.
4 The fourth the Indians can eat
or roast, & from the bulb they make
a most pleasant Edible. by roasting
& pounding up — Stem 6 to 15 feet
high white bloom, seed pods — the
leaf short, thick, stiff, & has spines
along the edge — & all have sharp
points. The roots of Second & third
contain Gassin sap, equal to
Soap. make a good ~~studs~~ & is much
used in washing after washing 25
th or more, a large irregular bulb



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There are a great variety of the
Cacti, & I really feel unable to give
you any intelligent information of
them, but will endeavor to send you
specimens of each by mail, along as
I can find them & begin to mail
them. I send herewith specimens of 2
or 3 sent, which are new to me.
We have some huge simple round
ones that are from 12 to 20 inches
thick & 3 feet high weighing often
50 @ 100 lbs. the one I sent is found
in one little scope of country about
40 or 50 miles south, & I am
often bothered to get some one to
hunt up & bring them to me. They
are single or simple & often grow
as large as you could lift. I will
send you one as soon as I can
get them - The flower is nothing com-
pared with some sent, we have
that are pealike & most magnificent.
We have a wicked tree like sent, profuse
with a yellowish green blossom, 4 to 6
feet high very branching, with a tidy
heavy top, often used as fencing
by setting sticks along an embankment.
We have seen various size of our
apple & so on up.



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Nov 1 1870

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then we have the large flat &
several other sorts of the flat
leaf, some of which have the largest
& finest bloom I ever saw
5 Then we have a round tall one
producing a large purple flower of great
beauty. these sometimes put up 3 or 4
heads & sometimes single, 3 inches thick
& 12 long - then larger ones with
Compound heads &c

I shall be very much pleased to receive
from you upon any terms I can suit
any or all of the works you have
issued or Edited, to add to my
library, which tho not much is second
best in this country - I have a
spring garden of as fine fruit
specimens as there is in the Rock Mts.

I learn that your Cactus specimens
are numerous & interesting & should
you have any nice ones, we are
not likely to have I would thank
you for Cuttings of such to add
to my Collection.



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Shall be happy to hear from you
as often as it may please you
to correspond to. I shall be
pleased and to fulfil your desires
for anything I can send you
from the resources of the wild
region.

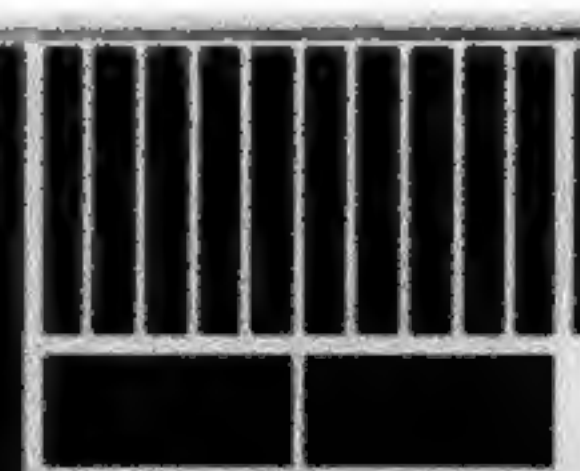
I will send you seeds of
the purple, ^{flowering} cactus, which pro-
duces good sized red edible fruit
that tastes like a Strawberry.

Hoping for mutual pleasure
& satisfaction in further ac-
quaintance.

I am very respectfully
Yours friend

A. D. Johnson

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GEORGE ENGELMANN PAPERS



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Rec^d Oct 21
Am Nov 14

Johnson

St Geo. Utah Oct 9 1870

Dr. Geo. Engelman
St Louis - Mo

My Dear Sir

You will

pardon me for prolonging the reply
of your valuable favor of the
12 ult. recd 10 days ago, but have
very busy in wine making, & the
letter requiring some attention & thought
I did not like to answer in haste
& in fact I fear, that my reply
will be mainly unintelligible, on
account of my want of a
knowledge of the most simple
principles of Botany

I herewith mail you a leaf of
the large Yucca, and seed pods
& ripe seedsof, of the same
The other sorts I will send



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what I can of the others when
more convenient.

I also send in Cigarbox a Cactus
different from any I have dis-
covered to you, & new to me —
The blossom or seed I have not
seen — *mammillaria near virens*

In another package I send
two specimens of of Cactus — One
Opuntia hirtellensis similar to one of the two specimens
I sent you some time ago in one
parcel — The other is the long
slim one that grows single or
Cereus Engelmannii in clusters of from two to a dozen
& bears the handsomest & richest
flowers, (bright purple) I have
seen — I shall send you others
along as I can get them.

I have not heard a word from
our friend the Dr. for 2 months &
I think he must have gone home.



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Another way - I sent ⁹ ~~two~~ Specimens
of two different Cactus - both flat
but one narrower & taller than the
other - Our Climate is warm ranging
(mercury Jan.) from 25° in winter to 112° in
greatest heat in shade in summer
at midday ^{at noon} freezes about an
inch in winter, some years a
little snow & some winters we
don't see a snowflake - I think
that the Cactus here are nearly hard
The Yucca growing 40 or 50 miles South
I have growing in my garden, but
no bloom yet - Those who have seen
them say they have a dry Capsule
but I have no further evidence
nor have I yet been able to get
flowers or seeds - Shall look out
carefully for flowers & seed, next
year - The Yucca Caccata has
a stem, flowering stem 2 to 3 feet
high



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⁴
about the leaf crown, the leaf
stem denatures, in an old plant
is 2 feet or more high & the root
~~like the large dent~~ is used instead
of soap as an Eraser, - Then
Yucca angustifolia, I doubt
not is the same you describe
the root of this too is used for
soap, & also by the Indians
called "Oase" - & it is like
the Aloe plant as near as I
can remember. It has seeds,
& I doubt not is propagated
them - will try & get seeds - & have
leaves, stem, & seed pods to send
soon, -

The big Cactus I spoke of I
sent to the ag. Dept. but will
as soon as I can send you
one of the same. I have a
promise of some being brought
me - The prolific hand-drawn
blooming one is flat, & bears
edible fruit - The tree like
Cactus does not answer your
description of the New Mexican



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Oct 21

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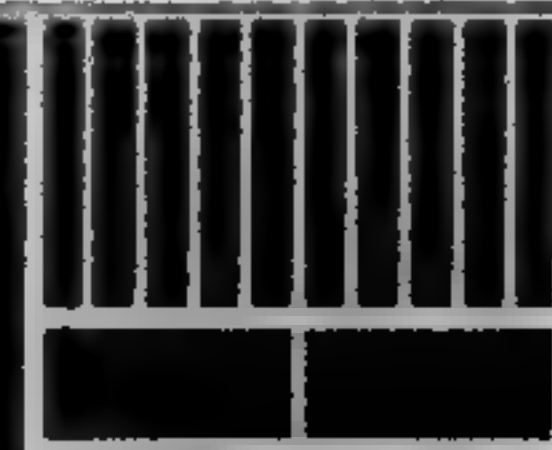
Sent in this grows a Shrub
and top about 4 to 5 feet high
with full tree like top & full
branches & flowers of yellowish
green or greenish yellow,

There is no berry or fruit but
a dry Spiny Capsule

The Round tall purple flower one
I send you, herewith, - for my
use & edible, Seed small & black
I believe the seed sent is from the
huge one spoken of before

The seed I sent you if not the
same is very similar to the
one I sent to Washington

As to Pines & firs & other tree
evergreens I can't say much
for I know very little, I will
get cones & leaves - It is 40
miles (on Pine Mountain) where
they grow - As soon as
I can get them as to
bring them to me will send



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is to paper Mrs. McAllister
mostly foreign sent, & home
Seedlings, the latter, of which
we have seen very few
The former we get from
Cal. N.Y. Southern States
& every where, I have
seen the variety, among others
you had 50 do bearings.

I sketch a cactus out by
wall or fence in garden
& they take root & grow
right along no trouble
be an in a valley - sloping
off to high mountains 20
miles off or more, rough
ragged. Jagged, black scree
& worn red sandstone. full
of the country torn down
by wind & water wind
Almost impassable



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without working - Timber
scarce, in the low mountains
cedar - scrubby & branching
in high ones. Pine &c
most of the mountains, and
are bare rocks - sometimes
scattered with low
stunted shrubs or shrubby
weeds, - There are several
distinct Craters, none of
more recent origin than
those that capped some of
our high mountains with
black sand or melted granite.
It is the wildest
country, geologically speaking
even dreamed of.
If the books are more
than 4 lbs weight, they
cannot be carried
unless franked by a M.C.

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8

but as they are perhaps
they may be there sent
with all propriety & perhaps
your Rep. or Senator would
mark them with pleasure
as they often have ~~been~~ done
for me — If this plan
is impracticable, we
must devise some other. —

Charlie My little man of all
work 14 years old. My son
Printer, Botanist & gardener
Diligent & everything else
has been putting up the Cactus &
talks much about you & the
books, & is very anxious to
see them — He seems to full almost
acquainted with you & longs
to see your Collection of Cacti.
He is quite a florist and always
goes with me in botanizing
& has great taste & talent that
wonder



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Oct 21

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As the American Pomological
Association held its next Convention
next Sept. I have to be
there & that somehow I shall
meet you. I have the honor
of being Vice President for
Utah of that time honored
institution. I am more
of a pomologist than
botanist, a great admirer
of flora, and perhaps take
more pains with & grow a
better & larger assortment
of fruits & flowers than
any one in Utah — &
never that don't say much
for me — but Utah will
come out as fruit & fl
& be among the best states
for fruit in the continent



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This year I grew peaches 13
inches in circumference &
weighing 13 or 14 - grapes 3 inches
in circumference Apples large
enough & pears 2 lb

I have also a new seedling
Hybrid Cherry, cross between
Plum & Cherry & another one
between plum & peach, the
former has fruited &
is excellent & very productive.
A great County here for Hybrids of
many things, - Can't grow melons
Squashes or any such things pure
they crop so easily & even the
best fruit, - Glad to hear from
you always, & often - If you
could send me small cuttings of any
tall branching or otherwise fine cactus
from the south I should be pleased
Mention truly yours,
J. E. Lohm.



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Rec^d Jan 11
Am July 17

St. George Utah Jan 2 1872

Dr Geo. Engelman

Dear Sir,

I rec^d your
much esteemed favors two weeks
or more ago & the letter I took
much care of, that I cannot find
any thing of it & so am after I
saw a letter made to answer
it, & have now been expecting
to find it & so have delayed

If the queries you made or wishes
expressed are now were important
to me, be so kind as to repro-
duce them & I will try to do
better. I have had near 100 of
new family send with me for
some time & thus my neglect
of my friends out of debt
I thank you for the books they
really are delightful & Charles



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we are in a relation, and
there are many who are
has been going over a month
on his first business trip to
Salt Lake City - 350 miles, and
look daily for his return.

I should be much pleased
when I will be able to put Charles to
school a few years, and
under some master like a
junior high school in that
sense he is much advanced.

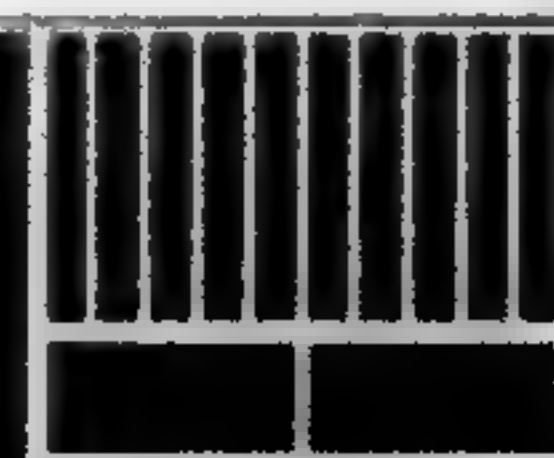
But Ah Me! poverty is a
terribly unpleasant roommate.
We live & hope - & hope & work
on - & I guess it will all come
right.

Do forgive & smile - ever

Yours to

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

J. L. Johnson



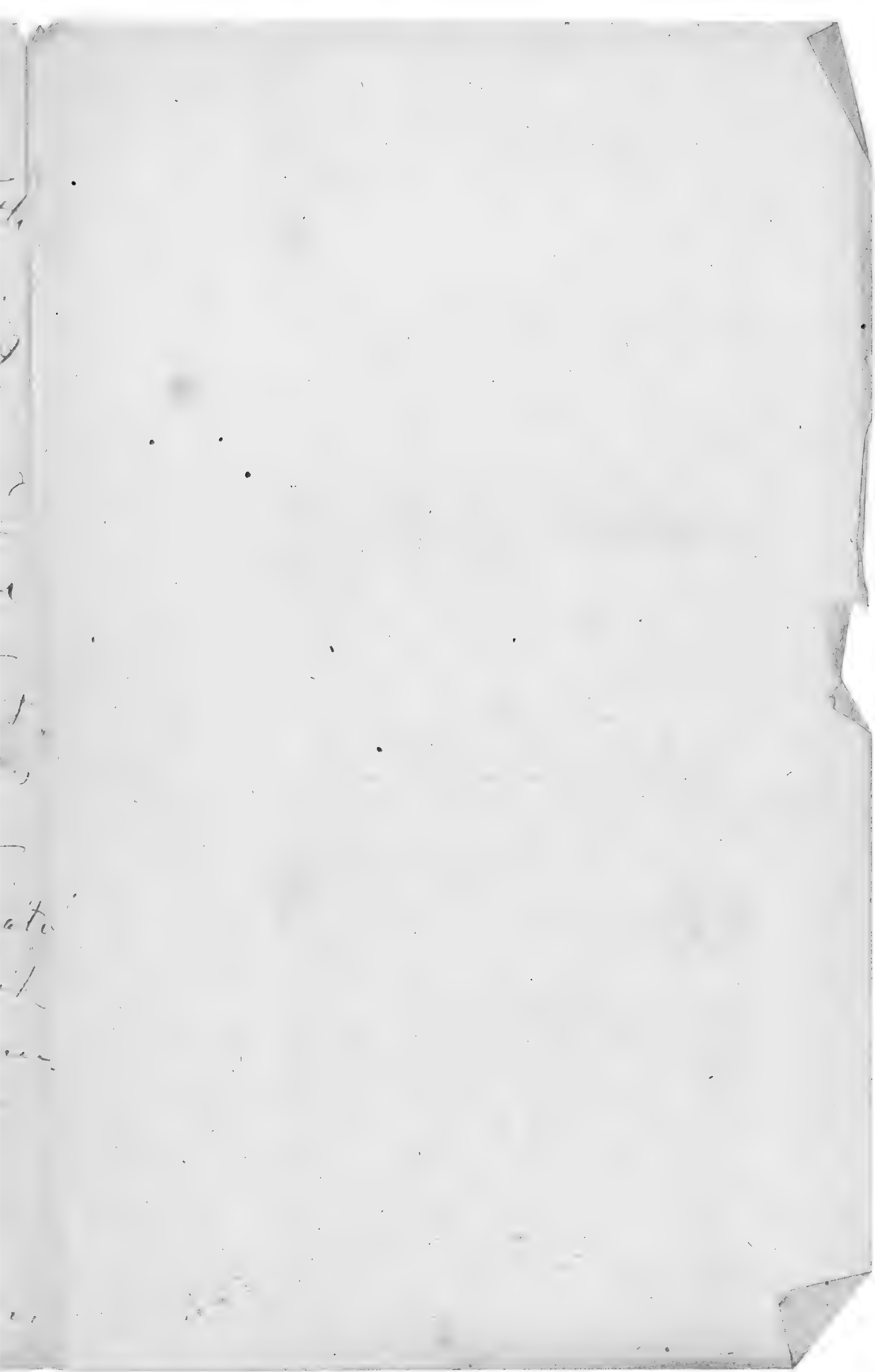
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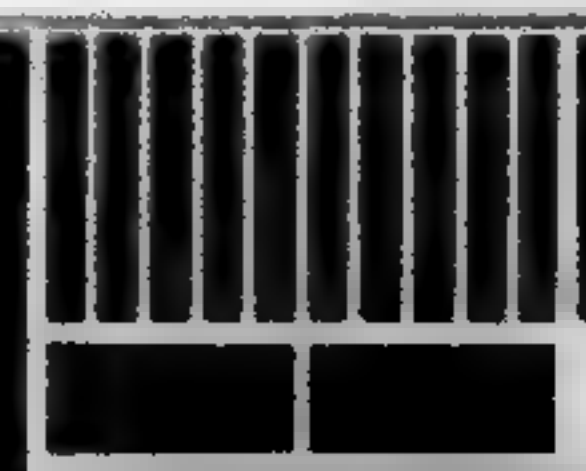
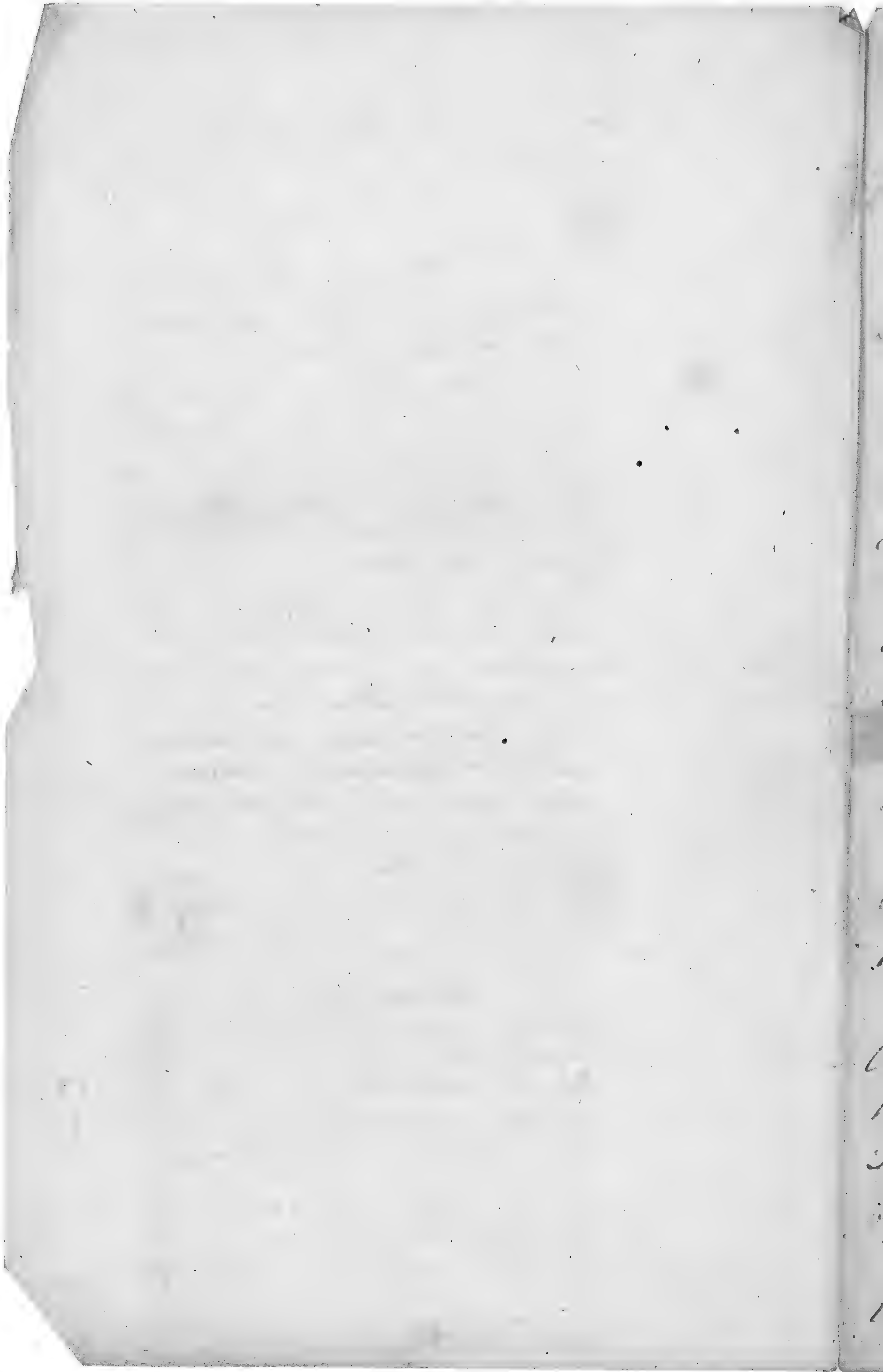
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Rec^d Aug 23^d
at 26

St George Mah Aug 13/71

Dr Geo Engelmann

My Dear Sir

Harper

My stupidity & negligence. It is
so hot I can't write or think
& can do nothing worth a cent
tho I have managed to get a
few seeds of that Giant Yucca
or what is here called "Joshua"
I got the mail rider to go off to the
field where they grow & hunt
& lo - glad news - last night he brought
me the first of them I ever saw
or heard of any one finding
Well as I can't answer your
letter in full with anything intelligible
I will not attempt it - It was
occurred too late to get flowers
from any of the sorts, but will
thank you for the seeds to send you



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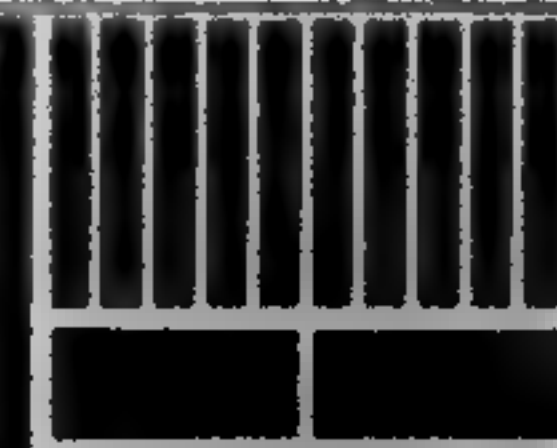
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We have had no rain to wet
the ground for a year & so
so everything outside of water
is dried up almost.
few desert plants excepted
I send you few Convolvulus
a new tree species & I believe
the most graceful & beautiful
Yrs. — Magnificent in
the world — I have a few
small plants can send
you one if need be. — Scale
or what is better plant no in
+ they will come up in spring
Yrs thanks for promise of
the book — we are book
worms & devour everything
Just rec'd letter from Natural
friend Palmer. Out Skinning
fishes — he is well of all things
on Oysters no doubt.



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Will we are refusing upon
grapes apples pears peaches
plums Melons & anything
nice - & that I could send
you a few Muscades, Prunifera
Muscats or something as nice
than to Varities, bearing
this year & peaches & apples
weighing 6 to 10 lbs.

Has sent me seeds of any new
or elegant Cactus - large flower
- tall or columnar: nice -
& of any other thing beautiful
or specially interesting.

Will it is about mail
time & Charlie waiting for
last letter to start - He wishes
to be kindly remembered &
often speaks of you & wishes
he could visit you & see



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your Collection

Wally & Mary Jones

J. L. Johnson



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St Geo Jan 24/ 1848

Friend Englem
CAL GARDEN
INN PAPERS

Rec Feb 14
As May 31

My dear Sir

of 10th inst is just received
I hasten to answer in the narrow
note - in short - I did not receive
your note referred to - no harm has
befallen me! I'm here; & like to be!
have only been as far as Salt Lake
350 miles - to see friends - attend our
State fair, & conference - & then come
back & dig away - work hard,
make small money & live - thin
Well - so I got that floral work
- thank you - & noted your generous
words -! thank you! -

Last year no rain - was a bad
one for botanizing - so discover
very light - shall do better when
we get a year of rain -

shall seek earnestly for the flms
of that "agave" & you shall have
them as soon as it is possible
for me to obtain them

I will also send plants of the
Opicea you mention when
a little warmer - I hear from
Doct^r Palmer - He is a good soul
& a full blown gentleman & I like
him more as a acquaintance pro-
gresses - I wish he would come
out here again & go with him
we would kick up our heels on
the highest peaks & play snook
among small holms &
Pine huts - wouldn't we?



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The Dr has sent me from acct.
of Shells - plants & in fact all
and more - than I ask. - He
promises & performs - that the
sent of men for the Agr - One can
depend upon them

- Well I am opening more ground
for garden - Very, very, busy &
trying hard to have something
nice some day when you
come along - planting out more
& better fruit - flowers - plants &
ornamentals - trying to go up
to 10 acres in a new place - next
to the City east - have plenty of nice
ground but short of water which
we have to find - I have a
small conservatory & mean
to build a green house next fall
if I don't go to Boston 10 Sept to
attend the Am. Pom. Convention
which I ought to do, being appointed
delegate from Utah -

I shall thank you for specimens
of Cactus or any fine plants
from other regions than this

There is a delicate Climbing
Cactus - of Zig Zag shape I have
not - & would like - & my friend Sam

Charlie has put up a fine Salt
Lake & is now in the office
getting out Pomologist - We
have had no snow - one rain
& some frost - I saw a snake
out the other day - & heard
& ants daily - looks like storm
now - Cold north wind, hope
we may get more - do write
often - anything in way of activity
making matter up into clank
your truly J. S. Johnson



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Recd July 15
or Sept 17

St George Utah June 30 1873

My Dear Fred Engelman

Your favor of
10 inst received last mail - & I have been
thinking about to see what I can do
but find all but one sent you name
is missing from 6 to 20 miles so I cannot
see what I can furnish nor at what
price - The little yellow grouse are
here - the *Bemfalcia* about 50 miles &
I have not yet learned whether it has
seed this year, but have sent by the
mail Cornin to you - The *Baccata*
can be got in about 10 to 20 miles
& the *Agave* about 15 - all in diff-
erent directions - I will go to work
& collect what amt is ordered & charge
only according to expense & trouble I
am at if you say so - It would not
hurt me to exchange - distance



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& risk too great - I will try some-
thing in the future to make an herbarium
of native plants - but I can't just
now for we have to scratch in this
new region to get along & live, & have
as yet little time for untiring ways
or to do what fancy might inspire
but hope cheers on & beckons us
forward, & sometimes to illusory
projects - I have but a few moments
to finish this to get into the mail
so you will pardon its brevity

Meanwhile yours truly

J. C. Schumacher

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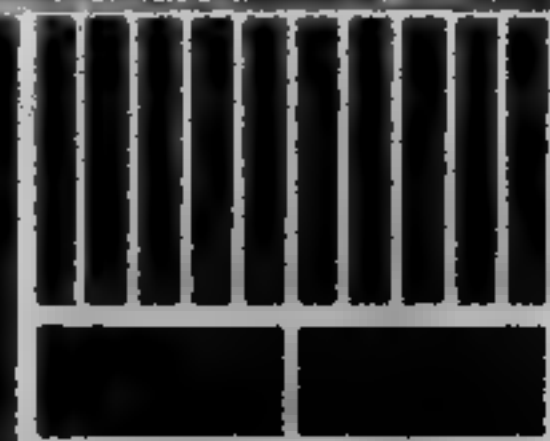
Rec^d Nov 26

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

at George Lake Nov 16 1873

My dear friend

I have been, I have been
absent from home, sick, for about
2 months & find among the accumulated
papers and letters which I return to you
at present moment, my letter is now
unaccompanied - is hope to be put in sequence
in a few days - as it is now unaccompanied
it is hard to find any thing. I have
I have no more in my paper
box, for it is of you will see more
of your what is wanted I will make
the proper endeavours to fulfil your
wishes at the proper season. There
were no seeds in the "Saxifraga" this
year - but name I am very sorry you have
never seen as soon as they grow
I will send you all plants and many more
& for some of you shall be transmitted
I think I send the 2 vol of "Cactus and
vine botanical explorations" -
and through the post with care.



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Rev Oct 3^d

Ans - letter of Aug 31
Sept. 3. 8. 10

OFFICE OF

Utah Pomologist & Gardener,

J. E. JOHNSON, Editor and Proprietor.

St. George, Utah. Sept 20 187. 11

Dear Sir I have received your letter, one from
to Mr. Porter and we are gathering
up the things or things to have them
done about for next week, while
there is about 2 days - but it will
not do to wait such length by express
things as we have to do to the time when
we will be here there a week or more to
go by freight. as to have after from
by collecting things from from 10
the things always have days to
you here - sorry to say the success of
of the new set must be done this year
we go to go - sent Charlie down &
spent several days but could not find
even a pair - Most or all of other
things & some more will be done



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GARDEN

The order you ask for has a blue
berry with leaves dry & some are just

When Charles gets a salt water to suit
himself for a wet which is best to
avoid by a paper or freight - of course
as yet I can't tell much as to what
the weight will be - you might drop
him a note thru in care of S. H. &
Richard. if you think of anything
you would like to suggest. He has
not been in salt water before yet.

We have gathered some other
seeds which we will send you to
test. Such as you think best
at present for material - & after
you have had a pleasant time
I will get you some to come to
see me & be satisfied upon the best
point you can possibly agree on
I assure you it would give
you great pleasure to get you
by the way. It is in the
little book a seed of water

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



St Geo 1st Dec 18th / 4

New Dec 12th

On Englemann

Charlie has but
just returned from the north after
near 2 months absence - in
which time I have been sick
& disabled from attention
to business - He packed up
box of 125 lbs containing all the things
you ordered, which he took up
went almost on purpose - found
express charges so high. he did
not send that way so instead
will I sent by freight, & I hoped
you had received it long ago
but note from Dr. Parry informs
me - says you had not got the
box - but you must certainly
have received it ere this reaches
you - Should write you more
at length, but I am sick with
lung trouble & this is my excuse
for now - Please do write &
say how it is with you & if the
box has arrived

Remain my very yours &c



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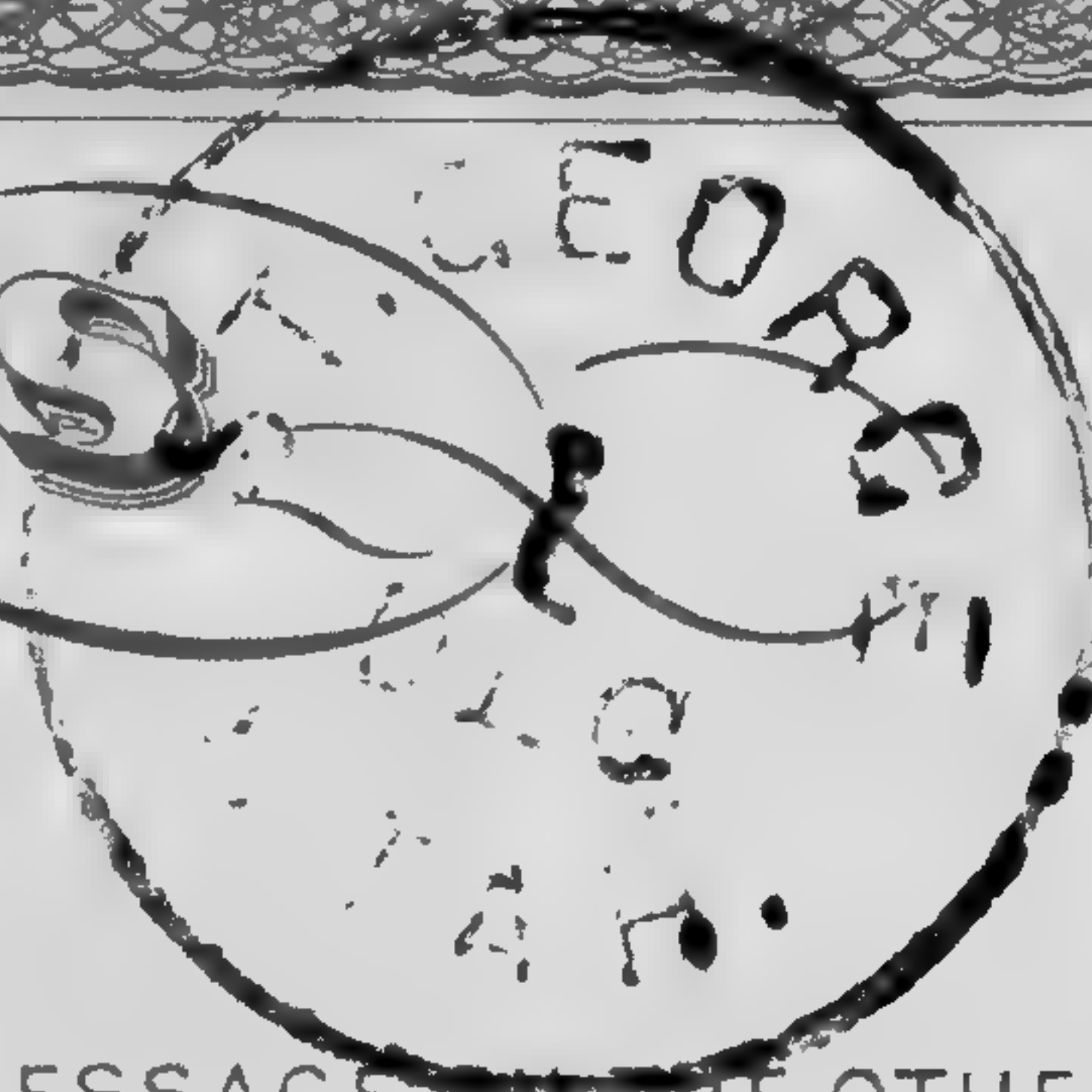
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United States

POSTAL CARD



WRITE THE ADDRESS ONLY ON THIS SIDE-THE MESSAGE ON THE OTHER

To *Dr. George Engelmann*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St Louis

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Rec^d Jan 23
An Feb 3

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Will you please send the \$40 in
Postal order to

Weed Sewing Machine Co

Hartford

Conn.

as soon as you receive it —
+ Okey D E J —

There is no chance for any of the seeds now
nor before they grow — The Yucca Brevifolia did
not fruit last year — Can get all the plants
you have named and will ship you
same as soon as weather will answer for
them hauled over mountains — Charges
for transit by express is very high & would
cost to you from 40 to 50^{cts} I believe — Shall
I send by freight? — Shall have to
guarantee charges or they refuse
in either mode —



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Dr Geo Engelmann

My Dear Sir

Your welcome

favor was today received and I thank
you for the kindly & generous expressions
contained - & also for the friendly interest
manifested in our welfare - I have noted
with care the order for more plants & seeds

There is no chance for any of the seeds now
nor before they grow - The Yucca Brevifolia did
not fruit last year - Can get all the plants
you have named and will ship you
same as soon as weather will answer for
their transit over mountains - Charges
for transit by express is very high & would
cost to you from 40 to 50^{cts} & when - Shall
I send by freight? - Shall have to
guarantee charges or they refuse
in either mode -



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There are no seeds of any of the cacti
now. Nor will be till they bloom again.
Our climate is rather dry - no dew except
in well watered grounds - In summer
mercury runs up to as high as 110°
in shade but usually for June July
& August average near 100° , with cool
nights & a nice breeze every day - so the
heat is not felt as with you - In winter
mercury runs down only a little below
freezing - as yet not a snowflake & ground
open - We have not yet succeeded with oranges
but shall I think we raise figs, almonds, cotton
&c & I think we are almost directly west
from St Louis - I hope to go to Cincinnati in
Sept & then must call & see you - I shall inform
you before I ship things - How does your
collection of cacti & cerei get along? If
you have space sometimes I should like a
little plant of any nice sort we don't have
before closing I will tell you how to send
money - Yes we have money order office
Do write sometimes my best sons & daughters



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Rec^d April 22^d
an May 19th
OFFICE OF
Utah Pomologist and Gardener.
J. E. JOHNSON, EDITOR AND PROPRIETOR.

St. George, Utah, April 12 1873.

Dr Geo Engelmann

My Dear Sir

Your letter of 30th

rel to my valuable favor of seeds has
just this evening come to hand, and I
am very sorry to have to make excuse
that the goods you ordered were not
sent as desired. But you have no idea
of the cold stormy weather we have
had all the spring, not more than one
day at a time but was bad - and in
order to get some of the plants we have
to go over a mountain of snow, and
the pines are yet under snow deep
+ no seed - I wrote you immediately
on receipt of your last previous
letter + told you I would get the
things as soon as possible but could
no as quick as you wanted.

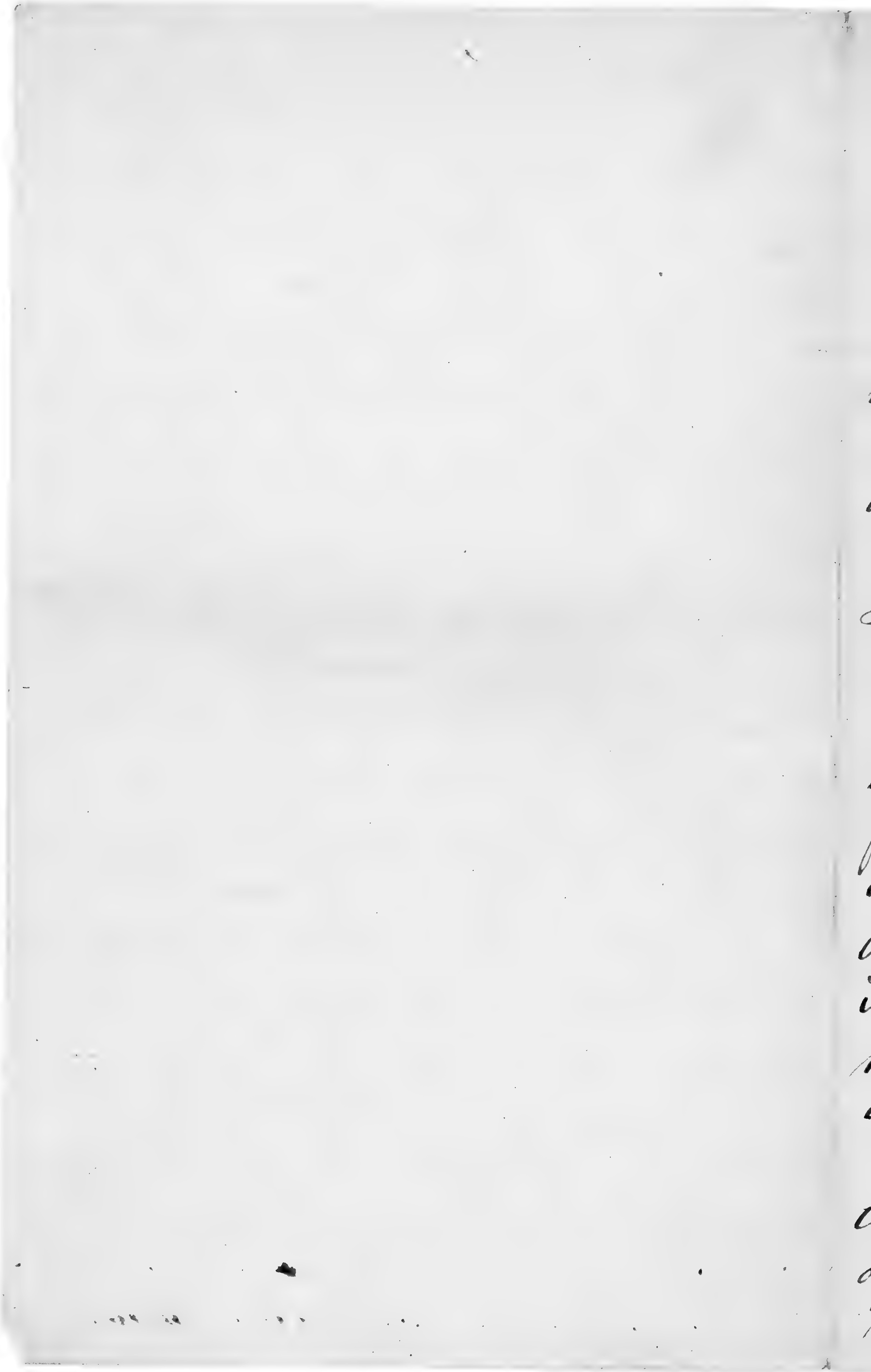


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I has up to date & even is very cold & snowy. Road blocked over the Mts & a few days ago snow was 3 feet deep between here & Lake City - & Even today has been snowing on the Mts in sight - so I have been afraid delays & frost would spoil the plants.

Charlie will start tomorrow for the Joshuas, & collect the other things & before the week is out will have the plants desired under way by express, I guaranteeing the pay of charges, & as road is now open you will likely receive them in 10 days after being sent - & I remember your instructed me in future at all times to send plants by express altho it was much more expensive.

I thank you very much for the generous & valuable collection of seeds you have sent me - really the largest assortment I ever had.



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I shall prize them very highly
& am for them that I may
see & enjoy the great beauty
fragrance & bloomings - I am
constrained to say the contribution
is magnificent & unexpected
as it was undeserved

I think you must sincerely
I shall expect you first to help
yourself to what you desire from
the parcels sent - O for the
Merry was safely received as
sent & our sewing machine is
now in S. Lake City awaiting better
roads to come to us

Wishing you every happiness your
generous nature can wish

I am very truly yours
J. S. Johnson



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Rec April 26th

St. Geo 15 April 1876

Friend Engelmann

We have just got
box ready. which is to go to express office
today - The Charges are rather large
& I have been obliged to guarantee
payment - I should have sent a
box of twice the size only I feared
expense would be too heavy - I will
at any time now ^{future} make up box or boxes
Send in any way you suggest
by mail express or freight, and be
satisfied with whatever the result
may be, provided you divide with
us whatever may be proceeds -
I am not satisfied that you should
do so much for nothing

Money is very scarce here & we are
glad when we have chance to
realize even so little for our services



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And shall be thankful to you for
favor of any orders on terms
named - The box now sent, if too
late for use intended, take no trouble
but use the plants for your grounds
- You are very welcome - and
such course might be means of
further orders, from your friends
which would be very desirable
& full pay for our trouble.

We have nice little team with Spring
wagon which is intended for Chantier
to use this summer in making collections.

The Gucca Brew. is in bloom & if
seeds follow we shall take good care
to make large collection - and also
of any other things you find marked
for - A thousand thanks for the
magnificent collection of seeds
I am storing in the soil.

With kindest regards
Very truly
J. E. Johnson



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Office of
Utah Pomologist and Gardener.
J. E. JOHNSON, EDITOR AND PROPRIETOR.

St. George, Utah, May 30th 1876.
Dr. Doctor.

Yrs. acknowledging
receipt of Box, & desiring speci-
mens of the cactus we just
recd. Sorry the plants were
too late, Hope you will still be
able to do well with them. We
had somehow misunderstood
about the large agave you
wanted for sample. Will send
some in next box.

Have been
looking for Flowers of the Cactus
you wanted, but fail to find any
found couple of dry ones &
have put in bottom of box.

There is a mistake about
its being prostrate, as it
stands sometimes 4^{to} 5 feet high



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in ~~the~~ a northerly direction,
some 20 miles it gradually
becomes ^{more} prostrate, but not
wholly so. I send also, two
small rooted p^lts. If you do
not need all the cuttings, I think
they will grow. Have rooted
them here without any trouble.
Have been very sick with
troublesome affection of the
kidneys. Am just getting out
& able to walk round. Weather
changeable. Hot enough to
scorch hair off your head one
day, & wind & cold enough to
have a fire the next &c.

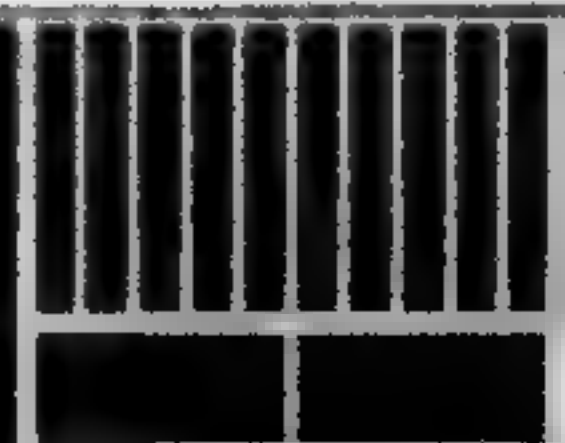
Hoping to hear from you
soon, & that the plants sent to-day
will be satisfactory.

I remain

Yrs Truly

H. Johnson
Pr C.E.D.

P.S. We have been sending
this cactus out as
Op. Echinocarpa.



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Rec^d July 3^d - OFFICE OF
Am. May 14th 77
Utah Homologist and Gardener.
J. E. JOHNSON, EDITOR AND PROPRIETOR.

St. George, Utah, June 22 1876.

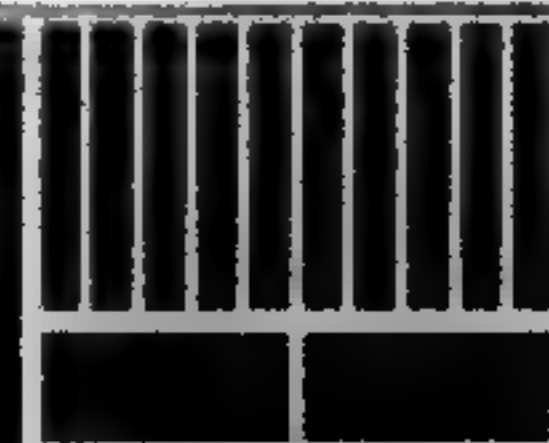
My dear doctor

Your favor just
recd - will send the cactus
wood you desire so soon as
we can find a specimen that
suits us -

I have been wondering
if some good Specimens of Cereus
& Cactus, as well as Yucca &
& Agaves, could not be disposed
of in St-Louis through some
of the. Minersmen or florists

I should willingly risk the freight
to R.R., you pay R.R. Charges
& we will divide the receipts -
Could send large & attractive
plants that Must sell.

Sorry to say that many of
the seeds have failed to grow



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a few seeds only yet germinating
shall try again — The flowers
of that tree Cactus are yellowish
green — It is always erect only
when it creeps up into Chisos
to Calda — then its prostrate
shall look out for seeds.
for you — & anything else
you want — It is 25 miles
to the places where we find
agave h. — I speak of selling
plants there, on account of the
very great scarcity of money
here — we should be glad to engage
in anything honorable that
would return us even small
sums in cash —
Very truly yours
J. C. Johnson

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GEORGE ENGELMANN PAPERS



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J. E. JOHNSON,
Commission Merchant,
And Dealer in
DRUGS, MEDICINES AND STATIONERY,
Groceries, Provisions,
Fresh, Dried and Canned Fruits;
Nuts, Candies, Perfumery and Fancy Goods,
Also, Lumber, Shingles, Lath, and Builders Hardware,
SILVER REEF & ST. GEORGE, UTAH.

Rec Oct 25th
Am Nov 5

St George N 16 Oct 1874

Dr Geo Engelmann

My Dear Sir

Your favor
this' evening received. Am sorry I
was not able to send the Seed of the
"Tree Cactus" *Op^a Echinocarpa*, but
we have in many places looked
for them, but not one seed have
we been able to find this year.

When they do seed you shall have
all you want + meantime will
send you freely all Cuttings you de-
sire if that will answer you.

I did not wish you to pay anything
unless recommended from your Correspondent
+ I regret that you have done so for
that was not right as I held you
entirely irresponsible in the matter
for a cent - neither should



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I on any other order as I am
satisfied you do it to help me
& others - instead of yourself
& I am very thankful to you
for all such favors, as efforts
to disfavor of native plants.

The Cotton Cactus has no ripened
seeds - If you have any desire
to send plants to any other
I shall be fully prepared to
take the chances for payment
without any responsibility on
your part - and I desire my
plants from the East still I
shall with pleasure send our
natives to any one desiring to
obtain by exchange

Very truly yours

J. E. Johnson

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Rec April 17
an — 17

Johnson

St Geo Utah April 6 1880

My good friend

I really would be
pleased once more to hear
from you & of your health
& prosperity — and of anything
interesting in your researches
Last summer I met with a
severe loss by fire at Silver
Reef 20 miles away — Stores, food
& property to value of 10,000. \$ all
total loss — I am here kept very
busy trying to retrieve, but it's
slow work — Please spare me
a few words & say if I can do any
thing for you — With best wishes
J. C. Johnson



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Native Plants of Southern Utah;

SUPPLIED BY

J. E. JOHNSON, St. GEORGE, U.

LIVE PLANTS, SEEDS, CUTTINGS AND SPECIMENS FURNISHED.

Mammalaria Grahami.

A small Cactus 2 to 4 inches high and 2 to 3 inches in diameter. Flowers pinkish, $\frac{1}{2}$ to 1 inch in diameter. Very handsome for window pot.

Mammalaria Phellosperma.

"Fish-hook" Cactus. Similar in size and appearance to the first named. In the centre of each cluster of spines there occurs from 1 to 4 which are curiously re-curved. Flowers pinkish, followed by a bright scarlet berry, $\frac{1}{2}$ to $\frac{3}{4}$ of an inch long.

Chlorantha. (?)

Much larger than the above; spines straight. Flowers yellow, opening at noon and closing in the evening.

Mammalaria Vivipara.

Larger than any of the above. Has a fine purple flower, 2 inches or more in diameter.

Echinocactus Johnsonii.

"Hedgehog." A very curious plant, 4 to 10 inches high and 4 inches in diameter. Has fine purplish red flowers.

Echinocactus

"Cotton" Cactus. Base of flower and afterwards seed pod covered with a fine cotton. Rare.

Cereus Le Contei.

"Turk's Head," "Nail Keg," "Beehive," &c. Grows from 1 to 5 feet high; 10 to 15 inches in diameter, covered with curved spines from 2 to 3 inches long which are often gathered for toothpicks. Attracts much attention.

Cereus Engelmanni.

Grows in clusters of from 4 to a dozen heads, 10 inches high. Has a large purple blossom $2\frac{1}{2}$ inches in diameter. This, with Op. Rutilla is the most free and handsome bloomers we have.

Opuntia Missouriensis.

"Pancake." Large flat leaves. Flowers yellow, 3 inches broad.

Cereus Fre'montii.

Grows in a cluster of numerous heads, making, together, a half ball. Flowers deep red, from 1 to $1\frac{1}{2}$ inches in diameter and 2 inches long.

Opuntia Rutilla.

A flat leaved plant, 12 inches high, covered with long hairy spines. Has an abundance of handsome purple-red flowers in summer.

Opuntia Acanthocarpa.

"Tree Cactus." From 2 to 10 feet high, branching, spines yellow. Flowers greenish-copper-colored. A fierce looking plant.

Berberis Fre'montii.

A shrub from 3 to 7 feet high, having bright yellow flowers, followed in autumn by a bladdery fruit, good for eating and preserves. Very showy.

Larea Mexicana.

"Kreasote Plant." A showy Evergreen Shrub, 5 to 10 feet high, leaves shiny. Covered in summer with lemon-yellow flowers, followed by white hairy seed pods.

Penstemon - White, fragrant - Scarlet Purple etc



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Dalea Johnsonii.

A very showy plant having racemes from 2 to 5 inches long of indigo colored flowers. Plants from 1 to 3 feet high. One of the handsomest of our collection.

Mentzelia Multiflora.

A small plant from 6 to 12 inches high, having a multitude of upright bell-shaped flowers $\frac{3}{8}$ of an inch deep, yellow, fading in a few days to white. Very showy.

Yucca Baccata.

"Bayonet Grass." Leaves dark green, 2 to 3 feet long, 2 inches broad at base, tapering to a needle-point which is not very pleasant to encounter after dark. Makes a plant, sometimes covering 6 feet in diameter.

Yucca Brevifolia.

From 5 to 30 feet high. Spines or blades 6 to 9 inches long, toothed on each edge. Blossom, a large cone, 10 to 15 inches long, of wax-like flowers. Very ornamental.

Yucca Angustifolia.

Leaves bright green, 1 to 2 feet long, $\frac{3}{4}$ of an inch broad at base, tapering to a needle point. Sometimes grows to the form of a tree, similar to Y. Brevifolia.

Agave Utahense.

A small plant, 5 to 8 inches, growing in clusters from which, each year, one or more of the heads send up a stem from 8 to 15 feet in height which bears numerous small greenish wax flowers for 18 to 40 inches at the top, followed by seed pods 1 inch long.

Calochortus —————(?)

A most lovely wax-like, tulip-shaped, tri-colored, lily-like blossom from a bulb, edible and rich and sweet as a nut. Flower stem 6 to 12 inches high

Malvastrum Coccineum.

Perennial, from 1 to 2 feet high. Flowers delicate scarlet, profusely laden in June. Very showy and beautiful.

Lycium Pallidum.

A shrub from 2 to 5 feet high, highly laden in June with scarlet berries, sweet and rich, about the size of a small currant. Nice for drying.

shrub **Chilopsis Linearis.**

Is covered in June and July with tri-colored bloom, shape of the Catalpa, on long racemes, followed by pods a foot long, size of a quill. Very ornamental.

Lynosyrus Graveolens.

A dense shrubby plant laden with a heavy crop of yellow bloom in October,—good for late bee feed.

Prosopis juliflora **ACACIAS.** *Prosopis pubescens*
There are two varieties of Acacias; one is called MEZCREW, the other MESQUITE. The Mezcrew is a large shrub covered with an abundance of white spines; very graceful; foliage handsome; fruit in clusters resembling a curious screw, is valuable for feed and also used for distillation. The Mesquite is similar, but the spines are of a brown hue and the fruit is in a pod like a bean. Both varieties are good for hedges.

or tree **ÆNATHERA JOHNSONII.**

A beautiful dwarf plant with large bloom, two colors, white and yellow. Very desirable.

Great American BEE PLANT. *Oleome integrifolia*

There has been but a few varieties of Native Ferns discovered.

There are a great many other plants of annual growth which we cannot now enumerate, but which we could gather in their season, either for herbarium specimens or seeds for planting.

There are some 50 varieties of Cactacea native here, many of which can be furnished to order.

Also, we would state that as many of the above plants are difficult to obtain, we may, sometimes, be delayed in filling orders.

J.W.Carpenter, Printer & Publisher, St. George, Utah.



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[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page. Some words like "Lycopodium" and "Lycopodiaceae" are faintly visible.]



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